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DOCKET FILE COPY ORIGINAL



**Anthony M. Alessi**  
Director  
Federal Relations

March 17, 1994

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MAR 18 1994

Mr. William F. Caton  
Acting Secretary  
Federal Communications Commission  
1919 M Street, NW  
Room 222  
Washington, DC 20554

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

RE: Ex Parte Statement  
Docket No. 93-7 and W-P-C-6926, W-P-C-6927,  
W-P-C-6928, W-P-C-6929, and W-P-C-6930

Dear Mr. Caton:

On March 16, 1994, Mr. Daniel J. Fling, Director - Federal Regulatory Policy of Ameritech and I met with Mr. Alan Stillwell, Economics Advisor and Mr. Steve Kaminer, Attorney, of the Office of Engineering and Technology to discuss Ameritech's position in the above referenced proceedings. The attached information was used as the basis for our discussion.

Sincerely,

A handwritten signature in cursive script, reading "Anthony M. Alessi".

Attachment  
cc: Alan Stillwell  
Steve Kaminer

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Handwritten initials, possibly "AK", in dark ink.

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**FEDERAL COMMUNICATIONS COMMISSION  
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## **Ameritech Video Dialtone Network**

### **Deployment**

- **Rapid deployment - 1,000,000 homes, businesses and institutions passed per year**
- **Available to 6,000,000 end-user customers by 2000**
- **Five 214 applications filed January 31 for initial 1.3 million homes passed**
- **Seeking to provide service before end of 1994**

### **Technology**

- **Hybrid fiber coax distribution system with 750 MHz bandwidth**
- **Fiber optic feeder from Video Serving Office to 500 home nodes**
- **Coaxial cable to end-user customers**
- **System can carry mixture of analog and digital signals - initial configuration will provide for 390 separate channels and numerous video information providers**
- **Redundant fiber optic video transport network supplies signals to Video Serving Offices**

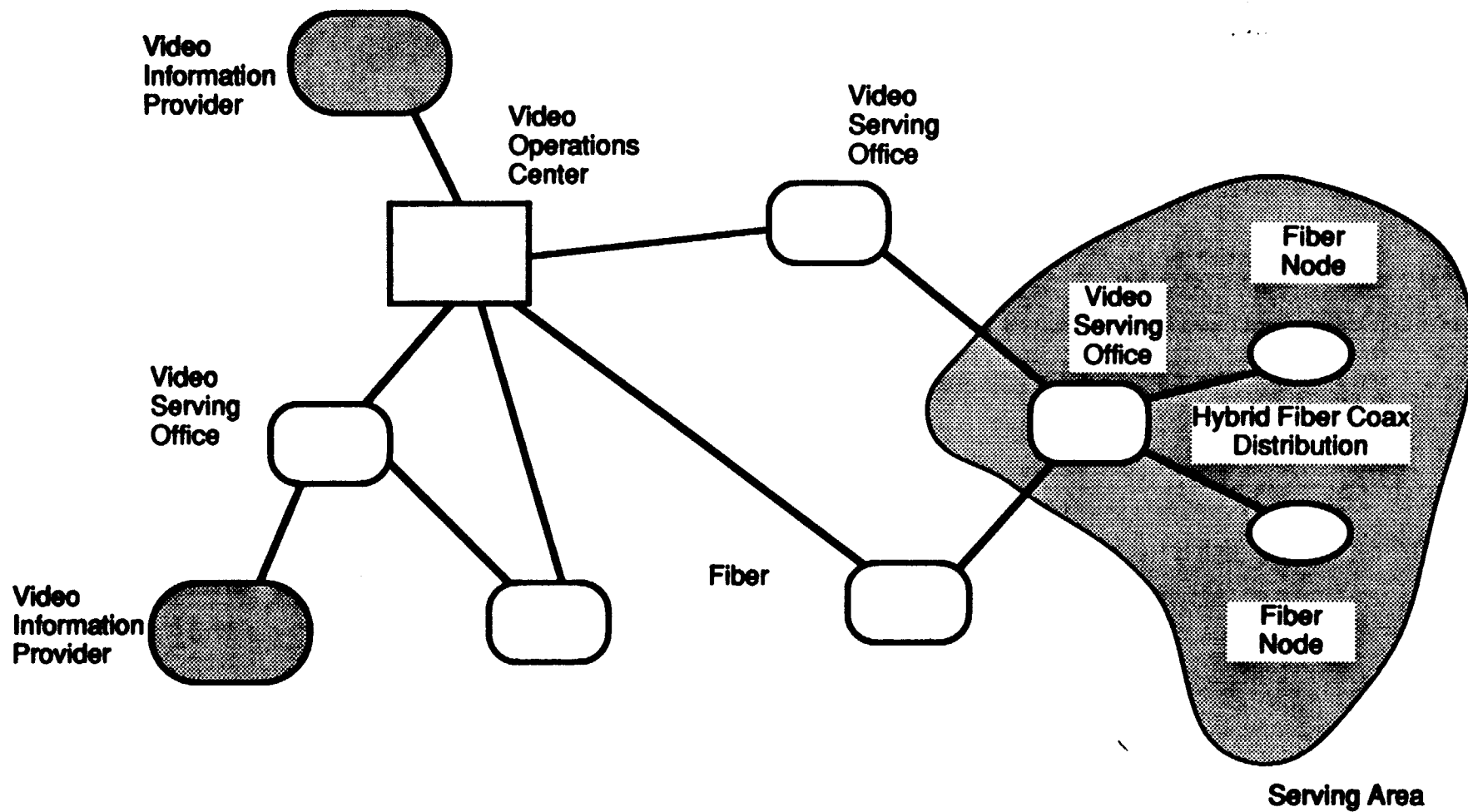
### **Services**

- **Analog Multicast Service provides same analog signal to all end-users**
- **Digital Multicast Service provides same compressed digital signal to all end-users**
- **Switched Digital Service provides a compressed digital signal to a single end-user, and can support both on-demand and fully interactive video information services**

**AMERITECH OPERATING COMPANIES  
SECTION 214 APPLICATIONS - VIDEO DIALTONE  
FILED MONDAY, JANUARY 31, 1994**

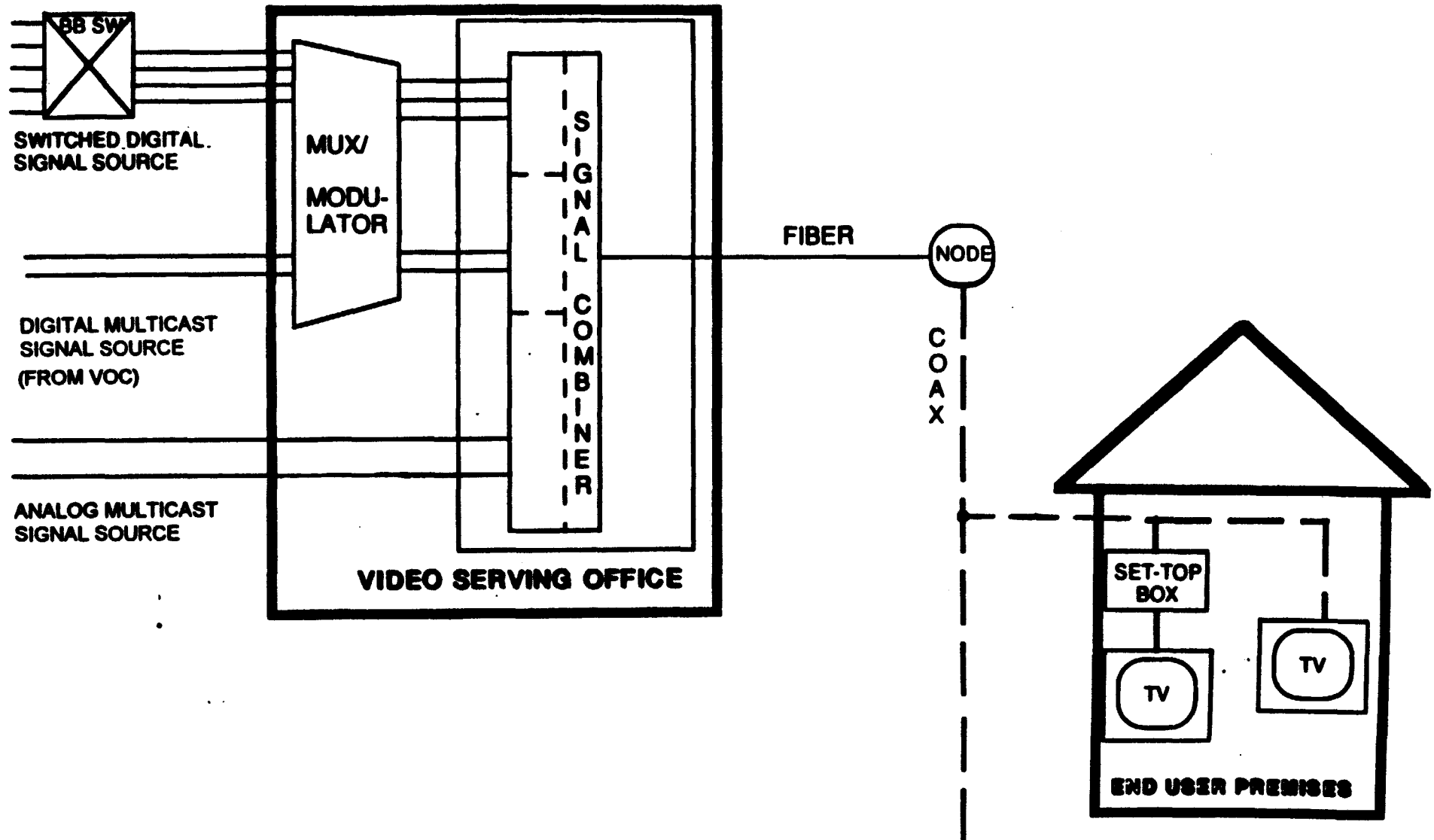
**SERVING AREA STATISTICS AT A GLANCE**

|                               | Illinois    | Indiana  | Michigan | Ohio     | Wisconsin | Total     |
|-------------------------------|-------------|----------|----------|----------|-----------|-----------|
| Homes Passed                  | 501,000     | 115,000  | 232,000  | 262,000  | 146,000   | 1,258,800 |
| Population in<br>Serving Area | 1.4 Million | 265,000  | 611,000  | 628,000  | 388,000   | 3,292,000 |
| Route Miles<br>of Fiber       | 1,351       | 498      | 431      | 502      | 346       | 3,128     |
| Route Miles<br>of Coax        | 13,777      | 3,589    | 4,238    | 6,283    | 4,161     | 32,003    |
| Construction<br>Cost          | \$158.6MM   | \$48.6MM | \$55.2MM | \$83.3MM | \$52.9MM  | \$398.5MM |
| Video Serving<br>Areas        | 5           | 1        | 2        | 4        | 2         | 14        |



**Video Network Diagram**

# AMERITECH VIDEO DIALTONE PLATFORM



# CHANNEL CONFIGURATION

**750MHz System Feeder/Distribution Capacity =  
110 Analog Channel Equivalents per 500 Home Passed Node**

**Dedicated Assignment = 70**

**Dynamic Assignment = 40**

**Common  
Channels =  
up to 13**

Menu  
□

**Basic and  
Premium Cable =  
56 or more**

**Selectable  
Video = 30**

**Switched  
Services = 10**

**Analog  
Multicast**

**Analog  
Multicast**

**Digital  
Multicast  
(typically  
240 equiv  
channels)**

**Switched  
Digital  
(up to 80  
sessions  
per node)**